



DOEHRS



DEFENSE OCCUPATIONAL & ENVIRONMENTAL HEALTH READINESS SYSTEM

Defense Occupational & Environmental Health Readiness System-Industrial Hygiene (DOEHRS-IH) Development Status

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BRIEFING AGENDA

- Purpose
- DOEHRS Overview & Organization
- Mandates and Key Objectives
- Background
- Major Milestones
- Senior Level Briefings to Date
- Development Strategy
- Process Improvements
- Summary

Purpose of Brief

Provide status of DOEHRS-IH project and acquisition strategy for continued development of DOEHRS-IH

PROJECT OVERVIEW

The DOEHRS is the Occupational Health migration system for the Department of Defense (DoD). DOEHRS is an automated information system designed to support the DoD Industrial Hygiene (IH), Environmental Health (EH), Hearing Conservation (HC).

ORGANIZATIONAL ALIGNMENT

- DoD Health Affairs Clinical Information Technology Program Office (CITPO) provides funding, management assistance, and direct liaison with CHCS II project and DOEHRS-IH Project Management
- USA Center for Health Promotion and Preventive Medicine provides TDA positions and Logistics for Project Management of DOEHRS-DR and DOEHRS-HC

MANDATES FOR DOEHRs

- Public Law 105-85
- Presidential Statement
- Presidential Review Directive (PRD-5)
- DoDD 6490.2 and DoDI 6490.3, Joint Medical Surveillance, Implementation and Application of Joint Medical Surveillance for Deployments
- Medical Programming Guidance
- Medical Readiness Strategic Plan

DOEHRS-IH KEY OBJECTIVES

- Characterize occupational and environmental health exposures to enable targeted medical surveillance and treatment by health care providers
- Investigate abnormal medical findings and trends referred to IH from health care providers to prevent illness or injury
- Establish and document a historical record of exposure levels for personnel, and communicate exposure monitoring results
- Streamline IH operations and data entry by supporting personnel and workplace monitoring (WPM), medical surveillance interface to CHCS II

Background

- DOEHRS Applications
 - DOEHRS-Hearing Conservation (HC)
 - Provides medical surveillance, diagnostic evaluation of auditory pathology, readiness & outcomes; refers hearing loss illness & injury
 - **Fully deployed (Integration to CHCS II is under analysis)**
 - DOEHRS Data Repository (DR)
 - Stores data from operational data sources, using structures organized around major subject areas to provide structured, efficient enterprise information processing
 - Alpha test successfully completed 20 Feb 2001
 - **Interim Agreement To Operate (IATO) Signed April 2000**
 - **In Beta Testing with Tri-Service participation May 2001**
 - DOEHRS-IH
 - Provides basis for exposure based medical surveillance; identifies, quantifies & documents deployment & pre/post deployment exposures; & recommends primary prevention controls for identified hazards
- **New acquisition strategy being implemented**

Senior Leadership Updates

- Senior Leadership Briefed on Development Efforts
 - OASD HA TMA Program Review Board/Mr. Reardon
 - MG Sculley, Deputy Surgeon General of the Army, and Army/SG office senior staff members
 - Mr. Yonkers; Deputy Assistant Secretary of the Air Force for Environmental Safety and Occupational Health
 - Mr. Fatz, Deputy Assistant Secretary of the Army for Environmental Safety and Occupational Health
 - BG Schafer; Assistant Surgeon General of the Air Force
 - BG Bester, Army Representative to the Theater Working Group
 - BG Martinez, Commander CHPPM
 - COL Merkel (AFMS CIO), COL Hendricks (PEO), CAPT Foster (CITPO)

Major Milestones

- NOV 00 IV&V Conducted:
Recommendation to apply current technical solution to existent DoD requirements
- Extensive evaluations and reviews conducted of potential development options including development by the USAF Standard Systems Group

Major Milestones

- Improved and comprehensive SoW developed
- System Requirements Evaluated and Updated by Tri-Service Occupational Health Integrated Process Team
- Key GOTS and COTS product evaluation underway for potential integration into DOEHRS-IH
 - Initial CCS technical evaluation for potential reuse of modules in DOEHRS-IH development

Development Strategy

- Final stages of acquisition with developers
- GOTS/COTS review with Tri-Service Functionals in form of Joint Application Design (JAD) team
- Apply current technology and CHCS II TMIP compatible architecture and security to newly re-vetted Tri-Service requirements

Development Strategy

- DOEHRS has received the CCS and SAMS code from Air Force and Navy respectively
- Technical Evaluation of code underway

Process Improvements

- Project Manager re-aligned under MHS
- Additional staff dedicated to deliverable reviews
- Incremental builds required from developer
- Reorganization focused on clear lines of responsibility
- Contract oversight moved to contracting support experienced in software development

Summary

- DOEHRS-IH development will be pursued by applying new technology to existing requirements
- Tri-Service IH Functionals will be involved in the product development
- Select most cost effective and timely development option to achieve a quality product